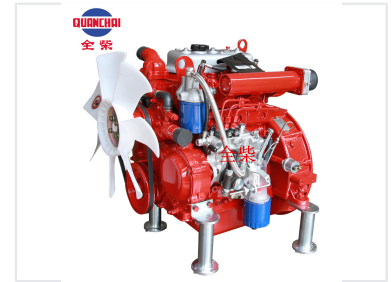
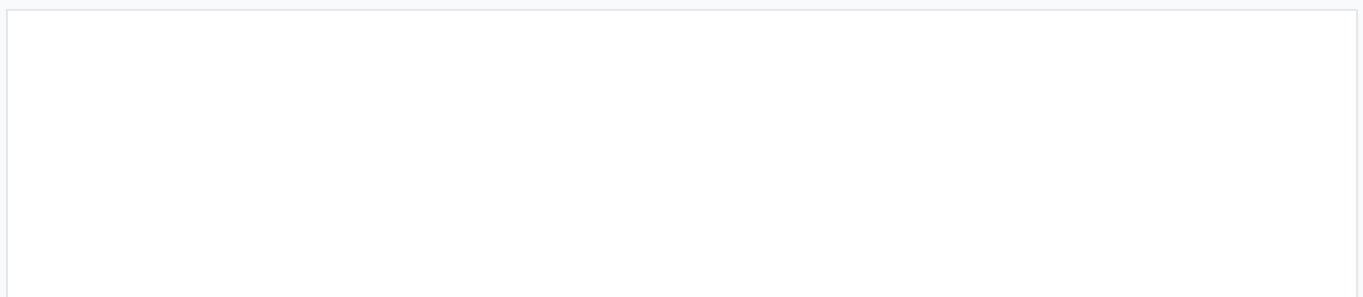


QC380D Diesel Engine for Generator Sets

The QC380D diesel engine is designed for generator set applications. It features a vertical, in-line, water-cooled, four-stroke design.



Overview

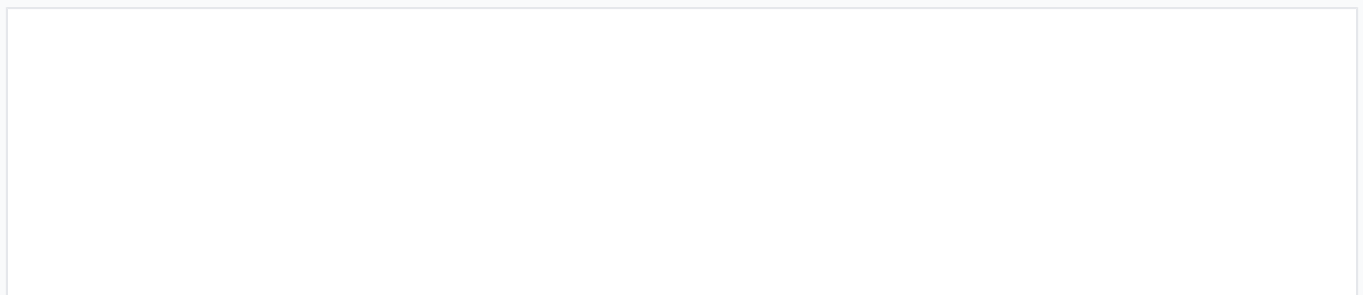


The QC380D features a compact design with a front-mounted radiator and integrated air intake system.

Reliable Power for Generator Sets

The QC380D is a vertical, in-line, water-cooled four-stroke diesel engine specifically engineered for generator set applications. Featuring a naturally aspirated intake and direct injection chamber, it provides a dependable and efficient power source for small-scale machinery. Its robust construction and wet cylinder liner design ensure durability and ease of maintenance in demanding industrial environments.

Performance Metrics



Performance charts illustrating torque, power output, and fuel consumption across the RPM range.

Rated Performance

10 kW

Rated Output (50Hz)

12 kW

Rated Output (60Hz)

1500 r/min

Rated Speed (50Hz)

1800 r/min

Rated Speed (60Hz)

Engine Configuration



Detailed view of the fuel injection system and cooling fan assembly.

Engine Type

- Vertical
- In-line
- Water-cooled
- Four-stroke

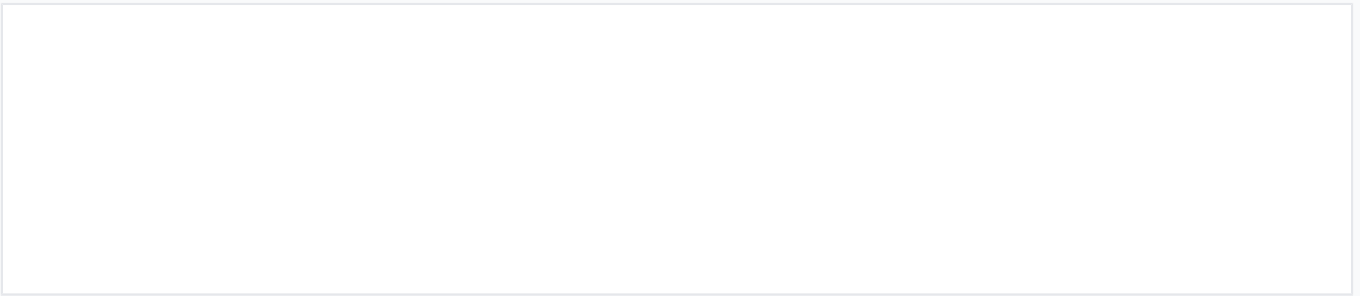
Cylinder Specifications

Parameter	Value
Cylinder Number	3
Bore & Stroke	80mm x 90mm
Displacement	1.357 L
Cylinder Liner Type	Wet

Technical Features

System Design	Naturally Aspirated, Direct Injection, Water-Cooled
Fuel Consumption Rate	255 g/kw.h

Mechanical Interface



Dimensional blueprint showing mounting points and spatial requirements for installation.

Flywheel & Housing

Component	Specification
Flywheel Ring Gear Teeth	115
Flywheel Cover Type	SAE 4#
Flywheel Type	SAE 7.5#

Cooling System

Fan Diameter	410 mm
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Maintenance



Heavy-duty construction with easily accessible fuel filters for simplified maintenance.

Filter Replacement Intervals

- Fuel Filter: Every 250 Hours
- Secondary Filter: Every 500 Hours